

Claims

What is claimed is:

1. A method of dechlorinating fluid, comprising the steps of:
flowing fluid through a dechlorination device along a flow

5 path;

diverting a proportion of said fluid through a bypass in
the dechlorination device;

exposing said proportion of said fluid to a dechlorination
agent in the bypass; and

10 merging said proportion of said fluid back into said fluid
flow path.

2. The method of Claim 1, further comprising the steps of:
controlling the amount of fluid diverted through said
bypass via a valve.

15 3. The method of Claim 1, wherein said dechlorination agent is
contained in a removable reservoir in the bypass.

4. The method of Claim 3, wherein said removable reservoir is
removable from said dechlorination device without removing said
dechlorination device from said fluid flow path.

20 5. A device for dechlorinating fluid, comprising:
a flow tube;
a bypass in fluid communication with said flow tube,
wherein said bypass diverts a proportion of said fluid from
said flow tube to said bypass; and

a dechlorination agent reservoir in said bypass.

6. The device of Claim 5, further comprising:

a control valve, said control valve regulating the proportion of said fluid entering said bypass.

5 7. The device of Claim 5, wherein said dechlorination agent reservoir further comprises an agent mixing chamber.

8. The device of Claim 7, wherein said dechlorination agent reservoir is selectively removable from said dechlorination device without removing said dechlorination device from said
10 fluid path.

9. The device of Claim 7, wherein said agent mixing chamber further comprises a dechlorination agent.

10. The device of Claim 6, wherein said control valve controls the amount of said dechlorination agent added to said fluid.

15 11. The device of Claim 5, wherein said by-pass further comprises:

an inlet tube; and

an outlet tube.

12. The device of Claim 11, wherein said inlet tube is angled
20 toward the direction of fluid flow through said flow tube.

13. The device of Claim 11, wherein said outlet tube is angled away from the direction of fluid flow through said flow tube.

14. The device of Claim 11, wherein said inlet tube further comprises an inlet diverter and wherein said outlet tube further comprises an outlet converter.

15. The device of Claim 11, wherein said inlet tube and said
5 outlet tube are positioned on the same side of said flow tube.

16. The device of Claim 11, wherein said inlet tube and said outlet tube are positioned on opposite sides of said flow tube.

17. The device of Claim 11, further comprising:

a first dechlorinating agent connecting tube; and

10 a second dechlorinating agent connecting tube, wherein said first dechlorinating agent connecting tube connects said inlet tube to said dechlorinating agent reservoir and wherein said second dechlorinating agent connecting tube connects said outlet tube to said dechlorinating agent reservoir.

15 18. The device of Claim 17, wherein said first and second dechlorinating agent connecting tubes are made of soft flexible tubing.

19. The device of Claim 17, wherein said first and second dechlorinating agent connecting tubes are made of hard piping
20 and are mounted to said dechlorinating agent reservoir.